

SPECIFICATION AMENDMENTS

In all USPTO records of the present U.S. utility patent application, please amend the TITLE OF THE INVENTION as indicated below; and also, on page 1, line 2, please amend the TITLE OF THE INVENTION as follows:

“Classifier for communication device IEEE 802.11g receiver”

On page 9, after line 31, and before page 10, please insert the following paragraph:

“The present invention is directed to apparatus and methods of operation that are further described in the following Brief Description of the Several Views of the Drawings, the Detailed Description of the Invention, and the claims. Other features and advantages of the present invention will become apparent from the following detailed description of the invention made with reference to the accompanying drawings.”

On page 60, lines 2-12, please amend the ABSTRACT OF THE DISCLOSURE as follows:

“Classifier for communication device IEEE (Institute of Electrical & Electronics Engineers) 802.11g receiver. A communication device includes a classifier and a number of PHY (physical layer) receivers communicatively coupled thereto that enable the communication device to process various received signal types. Each of the PHY receivers is operable to perform pre-processing of a received frame (or packet) of data and to calculate a confidence level indicating whether the received frame is intended for that particular PHY receiver; this pre-processing does not involve processing (e.g., demodulation and/or decoding) of the received frame. Those PHY receivers having sufficiently high confidence levels assert claims to the classifier for the received frame. The classifier is operable to arbitrate between competing claims by 2 or more PHY receivers and to ensure that the received frame is provided to the PHY receiver for which it is intended.”